

ABSTRACT

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This invention relates to a wireless digital transmission system for loudspeakers comprising:

-- compression means for the file representing the digital audio signal of the "compact disc" type, a transmission device comprising means of converting this compressed signal into a series signal moving by packets going to a modulator circuit with phase quadrature and means of transmitting the signals exiting the modulator circuit with phase quadrature to the domestic network for feeding electricity;

-- a receiving device comprising means of connecting to this domestic network and of extracting from the feed electrical signal, by a demodulator with phase quadrature, data packets moving the digital audio signal to convert it into a parallelized digital signal sent to a decompression circuit;

-- means of converting the decompressed digital signals into an analog signal intended to feed a loudspeaker after adequate amplification.

Figure 1

Diagram

Translator's note: the only acronyms from French that I see on the diagram is in Figure 1. CAN stands for "analog to digital converter" and CNA stands for "digital to analog converter."

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